

(20S)-1 α -HYDROXY-2-METHYLENE-19-NOR-VITAMIN D₃ AND ITS USES

ABSTRACT OF THE DISCLOSURE

The compound (20S)-1 α -hydroxy-2-methylene-19-nor-vitamin D₃ and pharmaceutical uses therefor are described herein. This compound exhibits

5 pronounced activity in arresting the proliferation of undifferentiated cells and inducing their differentiation to the monocyte thus evidencing use as an anti-cancer agent and for the treatment of skin diseases such as psoriasis as well as skin conditions such as wrinkles, slack skin, dry skin and insufficient sebum secretion. This compound also has very significant calcemic activity and

10 therefore may be used to treat immune disorders in humans as well as metabolic bone diseases such as osteoporosis.